Pet Shelter Management Application

Project Description

Our project is a pet shelter management application. The project allows users to efficiently manage all areas of a pet shelter, including the adoption and care of animals, appointments, staff management, social media, event planning, and inventory management. This application utilizes the Oracle database management system to manage relationships between animals, adopters, employees and volunteers and facilitate a smooth and efficient adoption experience for everyone involved.

In the implementation, the app allows users to add, remove and update animals in the database. Our team's user-friendly interface simplifies adding new entries, removing outdated information, and updating existing details, ensuring the database remains accurate and comprehensive. The application provides valuable search capabilities, enabling users to locate a particular caretaker using criteria such as name, ID, or address. Additionally, users can identify all customers who have contributed donations surpassing a specified amount and determine the current count of animals belonging to a specific type within the pet shelter.

Schema Differences

We have had to make some changes to the schema and SQL table creations and insertions once we began implementing our project. We have had to combine each date and time attribute within the same relation since Oracle does not have distinct types for them, so it didn't make sense to keep them separated. We also changed the constraint syntax since we were getting errors when we wrote the create table statements as we were taught in class. Additionally, we were missing many ON DELETE CASCADE clauses.

- Every instance of VARCHAR changed to VARCHAR2() with a specified character limit as appropriate.
- Every relation with an ID attribute is now GENERATED ALWAYS AS IDENTITY.
- eventDayTime as a single attribute in FundraiserEvent as opposed to eventDate in Fundraiser and another relation FundraiserEventDate with eventDate and eventTime. eventDayTime is UNIQUE.
- vetDayTime as a single attribute in VetAppointment as opposed to vetDate and vetTime. vetDayTime now is the only attribute in the primary key.
- Adopter references Customer, added ON DELETE CASCADE.
- Animal now has arrivalDate instead of timeInShelter as it didn't make sense to have to regularly update every animal record. arrivalDate is NOT NULL.
- VetAppointment references Animal, added ON DELETE CASCADE.

- Worker references AnimalCaretaker, added ON DELETE CASCADE.
- Volunteer references AnimalCaretaker, added ON DELETE CASCADE.
- In Post added postingDate NOT NULL.
- AdoptionDetails references petID, added ON DELETE CASCADE.
- PetAdopter references Animal, added ON DELETE CASCADE.
- Appointment references Animal, added ON DELETE CASCADE.
- Appointment references Customer, added ON DELETE CASCADE.
- Animal previousOwner changed to NOT NULL.

Final Schema + Data Present

FundraiserEvent(eventID, eventType, eventDayTime, donationGoal);
AnimalCaretaker(caretakerID, caretakerName, **fundEventID**, caretakerAddress, caretakerPostalCode);
Customer(customerID, customerName);
Adopter(**adopterID**, numOfAdoptions, safeOwnerRating, adopterPostalCode, adopterAddress);
Animal(petID, animalName, type, age, favouriteCaretaker, previousOwner, arrivalDate, adopterID);
VetAppointment(vetDayTime, **vetLicenseID**, **petID**);
Worker(**workerID**, hourlyPay);
Volunteer(**volunteerID**, hoursVolunteered);
Post(postID, postType, description, postingDate, **caretakerID**);
AdoptionDetails(adoptionID, **petID**, **adopterID**, **caretakerID**, adoptionDate, notes);
PetAdopter(**petID**, **adopterID**);
Appointment(**petID**, **caretakerID**, **customerID**, apptDayTime);
Donation(**customerID**, **caretakerID**, amount);
Item(itemID, itemName, quantity);
ItemPurchase(**customerID**, **caretakerID**, **itemID**);
Vet(vetLicenseID, vetName);
AnimalCaretakerPC(caretakerPostalCode, caretakerCity);
PostDateAndType(postingDate, postType);
AdopterPC(adopterPostalCode, adopterCity); ItemPrice(**itemID**,
total);

FundraiserEvent

```
SQL> select * from fundraiserevent;

   EVENTID EVENTTYPE                                          EVENTDAYT DONATIONGOAL
---------- -------------------------------------------------- --------- ------------
         1 Charity Auction                                    01-NOV-23         5000
         2 Pet Walkathon                                      15-NOV-23         3000
         3 Adoption Fair                                      30-NOV-23         2000
         4 Pet Costume Contest                                10-DEC-23         2500
         5 Animal Rescue Gala                                 25-DEC-23         7000
```

AnimalCaretaker

CARETAKERID	CARETAKERNAME	FUNDEVENTID	CARETAKERADDRESS	CARETAKE
1	John Peters	1	123 Main St	12345
2	Mary Johnson	2	456 Elm St	67890
3	David Perks	3	789 Oak St	34567
4	Elaine Brown	4	101 Pine St	87654
5	Michael Wilson	5	234 Maple St	43210
6	Emily Anderson		123 Oak Lane	12345
7	Chris Martinez		789 Pine St	43210
8	Jasmine Walker		101 Maple St	34567
9	Ryan Turner		201 Cedar Drive	43210
10	Morgan Foster		234 Birch Blvd	67890

Customer

CUSTOMERID	CUSTOMERNAME
1	Alice Johnson
2	Bob Smith
3	Carol Davis
4	David Wilson
5	Eve Brown

Adopter

```
[SQL> select * from adopter;

 ADOPTERID NUMOFADOPTIONS SAFEOWNERRATING ADOPTERP ADOPTERADDRESS
---------- -------------- ---------------- -------- --------------------------------------------------
         1              2                4 12345    123 Elm St
         2              0                3 23456    456 Oak St
         3              1                5 34567    789 Pine St
         4              3                4 45678    101 Maple St
         5              2                4 56789    234 Birch St
```

Animal

```
[SQL> select * from animal;

     PETID ANIMALNAME                                         TYPE                      AGE FAVOURITECARETAKER PREVIOUSOWNER ARRIVALDA  ADOPTERID
---------- ------------------------------------------------- ------------------------- ---------- ------------------ ------------- ---------- ----------
         1 Fluffy                                            Cat                                2                  3             4 01-NOV-23          1
         2 Rex                                               Dog                                3                  1             4 11-MAR-23          2
         3 Whiskers                                          Cat                                5                  2             5 02-JAN-22          3
         4 Buddy                                             Bunny                              4                  4             3 14-OCT-20          4
         5 Luna                                              Dog                                1                  3             1 06-JUN-23          5
         6 Domino                                            Hamster                            1                  3             1 23-FEB-22
         7 Patch                                             Dog                                2                  5             4 07-APR-23
         8 Pirate                                            Cat                                2                  4             4 11-MAY-21
         9 Cloudy                                            Bunny                              3                  2             2 11-NOV-23
        10 Smoothie                                          Bunny                              3                  2             2 31-OCT-23
```

VetAppointment

```
SQL> select * from vetappointment;

VETDAYTIM VETLICENSEID
--------- ------------
REASON
----------------------------------
     PETID
----------
20-OCT-23            1
Checkup
         1

21-OCT-23            2
Vaccination
         2

VETDAYTIM VETLICENSEID
--------- ------------
REASON
----------------------------------
     PETID
----------

22-OCT-23            3
Dental cleaning
         3

23-OCT-23            4
Spaying

VETDAYTIM VETLICENSEID
--------- ------------
REASON
----------------------------------
     PETID
----------
         4

24-OCT-23            5
Checkup
         5
```

Worker

```
SQL> select * from worker;

   WORKERID  HOURLYPAY
---------- ----------
          1         15
          2         17
          3         14
          4         18
          5         16
```

Volunteer

```
SQL> select * from volunteer;

 VOLUNTEERID HOURSVOLUNTEERED
------------ ----------------
           6               20
           7               25
           8               18
           9               30
          10               22
```

Post

```
SQL> select * from post;

    POSTID POSTTYPE             DESCRIPTION                                                                                                  POSTINGDA CARETAKERID
---------- -------------------- ------------------------------------------------------------------------------------------------------------ --------- ----------
         1 Announcement         Adoption event this weekend!                                                                                 25-OCT-23          1
         2 News                 New arrivals in the shelter                                                                                  26-OCT-23          2
         3 Update               Vet check-ups for all animals                                                                                27-OCT-23          3
         4 Event                Volunteer appreciation day                                                                                   28-OCT-23          3
         5 Adoption             Adopt a furry friend today                                                                                   29-OCT-23          1
```

AdoptionDetails

```
SQL> select * from adoptiondetails;

ADOPTIONID      PETID  ADOPTERID CARETAKERID ADOPTIOND
---------- ---------- ---------- ---------- ---------
NOTES
--------------------------------------------------------------------------------
         1          1          1          2 20-OCT-23
friendly cat

         2          2          2          2 21-OCT-23
playful dog

         3          3          3          3 22-OCT-23
loud cat


ADOPTIONID      PETID  ADOPTERID CARETAKERID ADOPTIOND
---------- ---------- ---------- ---------- ---------
NOTES
--------------------------------------------------------------------------------
         4          4          4          2 23-OCT-23
really soft bunny

         5          5          5          5 24-OCT-23
quiet dog

         6          6          5          2 25-OCT-23
interesting hamster
```

PetAdopter

```
SQL> select * from petadopter;

      PETID  ADOPTERID
---------- ----------
         1          1
         2          2
         3          3
         4          4
         5          5
         6          5
```

Appointment

```
SQL> select * from appointment;

     PETID CARETAKERID CUSTOMERID APPTDAYTI
---------- ---------- ---------- ---------
         6          2          1 15-JAN-23
         7          2          2 20-FEB-23
         8          3          3 10-MAR-23
         9          4          4 07-APR-23
        10          5          5 12-MAY-23
```

Donation

```
SQL> select * from donation;

CUSTOMERID CARETAKERID     AMOUNT
---------- ---------- ----------
         1          1        100
         2          2        150
         3          3        200
         4          4         50
         5          5         75
```

Item

```
SQL> select * from item;

    ITEMID ITEMNAME                       QUANTITY
---------- ------------------------ ----------
         1 Pet Food                          100
         2 Blankets                           50
         3 Toys                               75
         4 Medicine                           25
         5 Leashes                            30
```

ItemPurchase

```
SQL> select * from itempurchase;

CUSTOMERID CARETAKERID     ITEMID
---------- ---------- ----------
         1          1          3
         2          1          5
         3          3          1
         4          5          4
         5          3          5
```

Vet

```
SQL> select * from vet;

VETLICENSEID VETNAME
------------ --------------------------------------------------
           1 Dr. Allan
           2 Dr. Papper
           3 Dr. Lorde
           4 Dr. Levette
           5 Dr. Michaels
```

AnimalCaretakerPC

```
SQL> select * from animalcaretakerpc;

CARETAKE CARETAKERCITY
-------- ------------------------
12345    Narnia
67890    Atlantis
34567    Brokeburn
87654    Lancaster
43210    Columbus
```

PostDateAndType

```
SQL> select * from postdateandtype;

POSTINGDA POSTTYPE
--------- --------------------------------------------------
25-OCT-23 Announcement
26-OCT-23 News
27-OCT-23 Update
28-OCT-23 Event
29-OCT-23 Adoption
```

AdopterPC

```
SQL> select * from adopterpc;

ADOPTERP ADOPTERCITY
-------- ------------------------
12345    Narnia
23456    Atlantis
34567    Brokeburn
45678    Lancaster
56789    Columbus
```

ItemPrice

```
SQL> select * from itemprice;

    ITEMID      TOTAL
---------- ----------
         5        200
         2        100
         1        150
         4         75
         3         90
```

SQL Queries + Locations

INSERT

GUI location: intake_and_adoption.php lines 22 to 75

Query Location: database_and_queries.php lines 132 to 212

DELETE

GUI location: intake_and_adoption.php lines 77 to 82

Query Location: database_and_queries.php lines 214 to 241

UPDATE

GUI location: intake_and_adoption.php lines 84 to 94

Query Location: database_and_queries.php lines 243 to 310

Selection

GUI location: seek.php lines 17 to 27

Query Location: database_and_queries.php lines 382 to 450

Projection

GUI location: search.php lines 17 to 29

Query Location: database_and_queries.php lines 500 to 560

Join

GUI location: seek.php lines 29 to 34

Query Location: database_and_queries.php lines 464 to 498

Aggregation with Group By

GUI location: search.php lines 30 to 37

Query Location: database_and_queries.php lines 563 to 593

Aggregation with Having

GUI location: explore.php lines 17 to 22
Query Location: database_and_queries.php lines 595 to 628

Nested Aggregation with Group By
GUI location: explore.php lines 24 to 28
Query Location: database_and_queries.php lines 630 to 660

Division
GUI location: explore.php lines 30 to 34
Query Location: database_and_queries.php lines 663 to 688

Query Screenshots

INSERT

Table from sqlplus before query:

```
SQL> SELECT * FROM ANIMAL;

PETID ANIMALNAME      TYPE            AGE FAVOURITECARETAKER PREVIOUSOWNER ARRIVALDA ADOPTERID
----- --------------- --------------- ---- ------------------ ------------- --------- ---------
    1 Fluffy          Cat                2                  3             4 01-NOV-23         1
    2 Rex             Dog                3                  1             4 11-MAR-23         2
    3 Whiskers        Cat                5                  2             5 02-JAN-22         3
    4 Buddy           Bunny              4                  4             3 14-OCT-20         4
    5 Luna            Dog                1                  3             1 06-JUN-23         5
    6 Domino          Hamster            1                  3             1 23-FEB-22
    7 Patch           Dog                2                  5             4 07-APR-23
    8 Pirate          Cat                2                  4             4 11-MAY-21
    9 Cloudy          Bunny              3                  2               11-NOV-23
   10 Smoothie        Bunny              3                  2               31-OCT-23

10 rows selected.
```

Gui for the insert query:

Add an animal to the system

Animal Name:

Petunia

Animal Type:

Bunny

Age:

3

Favourite Caretaker ID:

5

Previous Owner ID:

2

Arrival Date:

2023 | November | 30

Adopter ID:

Insert

Table after the query is executed:

Animal Table

Pet ID	Animal Name	Animal Type	Animal Age	Favourite Caretaker ID	Previous Owner	Arrival Date	Adopter ID
11	Petunia	bunny	3	5	2	30-NOV-23	
1	Fluffy	Cat	2	3	4	01-NOV-23	1
2	Rex	Dog	3	1	4	11-MAR-23	2
3	Whiskers	Cat	5	2	5	02-JAN-22	3
4	Buddy	Bunny	4	4	3	14-OCT-20	4
5	Luna	Dog	1	3	1	06-JUN-23	5
6	Domino	Hamster	1	3	1	23-FEB-22	
7	Patch	Dog	2	5	4	07-APR-23	
8	Pirate	Cat	2	4	4	11-MAY-21	
9	Cloudy	Bunny	3	2		11-NOV-23	
10	Smoothie	Bunny	3	2		31-OCT-23	

DELETE

Table from sqlplus before delete query is executed:

```
SQL> SELECT * FROM ANIMAL;

PETID ANIMALNAME      TYPE            AGE FAVOURITECARETAKER PREVIOUSOWNER ARRIVALDA ADOPTERID
----- --------------- --------------- ---- ------------------ ------------- --------- ---------
    1 Fluffy          Cat               2                  3             4 01-NOV-23         1
    2 Rex             Dog               3                  1             4 11-MAR-23         2
    3 Whiskers        Cat               5                  2             5 02-JAN-22         3
    4 Buddy           Bunny             4                  4             3 14-OCT-20         4
    5 Luna            Dog               1                  3             1 06-JUN-23         5
    6 Domino          Hamster           1                  3             1 23-FEB-22
    7 Patch           Dog               2                  5             4 07-APR-23
    8 Pirate          Cat               2                  4             4 11-MAY-21
    9 Cloudy          Bunny             3                  2               11-NOV-23
   10 Smoothie        Bunny             3                  2               31-OCT-23

10 rows selected.
```

Delete query in the GUI:

Table after the delete query is executed:

Animal Table

Pet ID	Animal Name	Animal Type	Animal Age	Favourite Caretaker ID	Previous Owner	Arrival Date	Adopter ID
1	Fluffy	Cat	2	3	4	01-NOV-23	1
2	Rex	Dog	3	1	4	11-MAR-23	2
3	Whiskers	Cat	5	2	5	02-JAN-22	3
4	Buddy	Bunny	4	4	3	14-OCT-20	4
5	Luna	Dog	1	3	1	06-JUN-23	5
7	Patch	Dog	2	5	4	07-APR-23	
8	Pirate	Cat	2	4	4	11-MAY-21	
9	Cloudy	Bunny	3	2		11-NOV-23	
10	Smoothie	Bunny	3	2		31-OCT-23	

UPDATE

Table from sqlplus before update query is executed:

```
SQL> SELECT * FROM ANIMAL;

PETID ANIMALNAME      TYPE            AGE FAVOURITECARETAKER PREVIOUSOWNER ARRIVALDA ADOPTERID
----- --------------- --------------- ---- ------------------ ------------- --------- ---------
    1 Fluffy          Cat               2                  3             4 01-NOV-23         1
    2 Rex             Dog               3                  1             4 11-MAR-23         2
    3 Whiskers        Cat               5                  2             5 02-JAN-22         3
    4 Buddy           Bunny             4                  4             3 14-OCT-20         4
    5 Luna            Dog               1                  3             1 06-JUN-23         5
    6 Domino          Hamster           1                  3             1 23-FEB-22
    7 Patch           Dog               2                  5             4 07-APR-23
    8 Pirate          Cat               2                  4             4 11-MAY-21
    9 Cloudy          Bunny             3                  2               11-NOV-23
   10 Smoothie        Bunny             3                  2               31-OCT-23

10 rows selected.
```

Update query in the GUI:

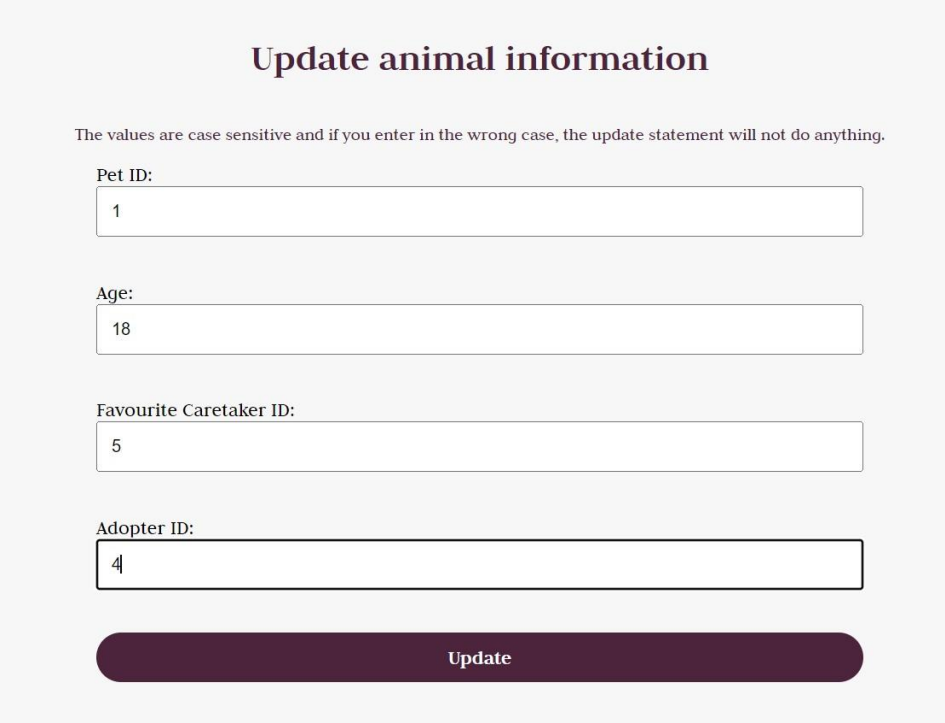


Table after the update query is executed:

Animal Table

Pet ID	Animal Name	Animal Type	Animal Age	Favourite Caretaker ID	Previous Owner	Arrival Date	Adopter ID
1	Fluffy	Cat	18	5	4	01-NOV-23	4
2	Rex	Dog	3	1	4	11-MAR-23	2
3	Whiskers	Cat	5	2	5	02-JAN-22	3
4	Buddy	Bunny	4	4	3	14-OCT-20	4
5	Luna	Dog	1	3	1	06-JUN-23	5
6	Domino	Hamster	1	3	1	23-FEB-22	
7	Patch	Dog	2	5	4	07-APR-23	
8	Pirate	Cat	2	4	4	11-MAY-21	
9	Cloudy	Bunny	3	2		11-NOV-23	
10	Smoothie	Bunny	3	2		31-OCT-23	

Selection

Table from sqlplus before the selection query is executed:

```
SQL> SELECT * FROM ANIMALCARETAKER;

CARETAKERID CARETAKERNAME        FUNDEVENTID CARETAKERADDRESS              CARETAKE
----------- -------------------- ----------- ------------------------------ --------
          1 John Peters                    1 123 Main St                    12345
          2 Mary Johnson                   2 456 Elm St                     67890
          3 David Perks                    3 789 Oak St                     34567
          4 Elaine Brown                   4 101 Pine St                    87654
          5 Michael Wilson                 5 234 Maple St                   43210
          6 Emily Anderson                   123 Oak Lane                   12345
          7 Chris Martinez                   789 Pine St                    43210
          8 Jasmine Walker                   101 Maple St                   34567
          9 Ryan Turner                      201 Cedar Drive                43210
         10 Morgan Foster                    234 Birch Blvd                 67890

10 rows selected.
```

Selection query in the GUI:

Results from the query:

Operation successful

Search Results

Caretaker ID	Caretaker Name	Fundraiser ID	Address	Postal Code
1	John Peters	1	123 Main St	12345

Projection

Table from sqlplus before the projection query is executed:

PETID	ANIMALNAME	TYPE	AGE	FAVOURITECARETAKER	PREVIOUSOWNER	ARRIVALDA	ADOPTERID
1	Fluffy	Cat	2	3	4	01-NOV-23	1
2	Rex	Dog	3	1	4	11-MAR-23	2
3	Whiskers	Cat	5	2	5	02-JAN-22	3
4	Buddy	Bunny	4	4	3	14-OCT-20	4
5	Luna	Dog	1	3	1	06-JUN-23	5
6	Domino	Hamster	1	3	1	23-FEB-22	
7	Patch	Dog	2	5	4	07-APR-23	
8	Pirate	Cat	2	4	4	11-MAY-21	
9	Cloudy	Bunny	3	2	2	11-NOV-23	
10	Smoothie	Bunny	3	2	2	31-OCT-23	

Projection query in the GUI:

PROJECTION: Choose which attributes you would like to see from Animals table

- [x] petID
- [x] animalName
- [x] type
- [ ] age
- [ ] Animal's Favorite Caretaker
- [ ] Animal's Previous Owner
- [x] Animal's Arrival Date to the Shelter
- [ ] Adopter ID

submit

Results of the projection query:

Operation successful

Search Results

petID	animalName	type	arrivalDate
1	Fluffy	Cat	01-NOV-23
2	Rex	Dog	11-MAR-23
3	Whiskers	Cat	02-JAN-22
4	Buddy	Bunny	14-OCT-20
5	Luna	Dog	06-JUN-23
6	Domino	Hamster	23-FEB-22
7	Patch	Dog	07-APR-23
8	Pirate	Cat	11-MAY-21
9	Cloudy	Bunny	11-NOV-23
10	Smoothie	Bunny	31-OCT-23

Join

Tables from sqlplus before the join query is executed:

```
SQL> SELECT * FROM CUSTOMER;

CUSTOMERID CUSTOMERNAME
---------- ----------------------------------------
         1 Alice Johnson
         2 Bob Smith
         3 Carol Davis
         4 David Wilson
         5 Eve Brown
```

```
SQL> SELECT * FROM DONATION;

CUSTOMERID CARETAKERID     AMOUNT
---------- ----------- ----------
         1           1        100
         2           2        150
         3           3        200
         4           4         50
         5           5         75
```

Join query in the GUI:

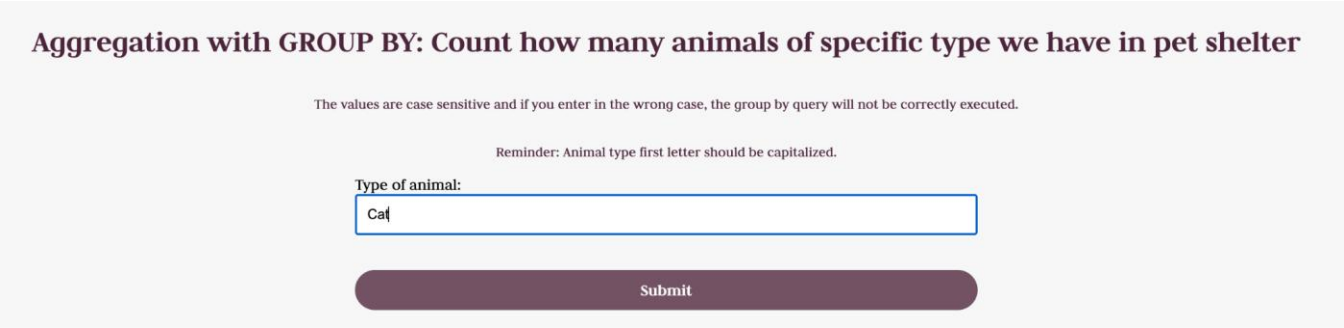
Results of the join query:

Aggregation with Group By

Table from sqlplus before the group by query is executed:

PETID	ANIMALNAME	TYPE	AGE	FAVOURITECARETAKER	PREVIOUSOWNER	ARRIVALDA	ADOPTERID
1	Fluffy	Cat	2	3	4	01-NOV-23	1
2	Rex	Dog	3	1	4	11-MAR-23	2
3	Whiskers	Cat	5	2	5	02-JAN-22	3
4	Buddy	Bunny	4	4	3	14-OCT-20	4
5	Luna	Dog	1	3	1	06-JUN-23	5
6	Domino	Hamster	1	3	1	23-FEB-22	
7	Patch	Dog	2	5	4	07-APR-23	
8	Pirate	Cat	2	4	4	11-MAY-21	
9	Cloudy	Bunny	3	2	2	11-NOV-23	
10	Smoothie	Bunny	3	2	2	31-OCT-23	

Aggregation with group by query in the GUI:



Results of the query:

Operation successful

Search Results

Animal Type	TypeCount
Cat	3

Aggregation with Having

Table in sqlplus before the having query is executed:

```
SQL> SELECT * FROM FUNDRAISEREVENT;

   EVENTID EVENTTYPE                                          EVENTDAYT DONATIONGOAL
---------- -------------------------------------------------- --------- ------------
         1 Charity Auction                                    01-NOV-23         5000
         2 Pet Walkathon                                      15-NOV-23         3000
         3 Adoption Fair                                      30-NOV-23         2000
         4 Pet Costume Contest                                10-DEC-23         2500
         5 Animal Rescue Gala                                 25-DEC-23         7000
```

Aggregation with having query in the GUI:

Aggregation with HAVING: Find fundraiser event types with specified average donation goal or above

Average Donation Goal Value:

3000

Submit

Results of the query:

Operation successful

Search Results

Event Type	Average Donation Amount
Pet Walkathon	3000
Charity Auction	5000
Animal Rescue Gala	7000

Nested Aggregation with Group By

Tables before the nested aggregation with group by query is executed:

```
SQL> SELECT * FROM CUSTOMER;

CUSTOMERID CUSTOMERNAME
---------- ------------------------------
         1 Alice Johnson
         2 Bob Smith
         3 Carol Davis
         4 David Wilson
         5 Eve Brown
```

```
SQL> SELECT * FROM ITEMPURCHASE;

CUSTOMERID CARETAKERID     ITEMID
---------- ----------- ----------
         1           1          3
         2           1          5
         3           3          1
         4           5          4
         5           3          5
```

Nested aggregation with group by query in the GUI:

Results of the query:

Division

Tables before the division query is executed:

PETID	ANIMALNAME	TYPE	AGE	FAVOURITECARETAKER	PREVIOUSOWNER	ARRIVALDA	ADOPTERID
1	Fluffy	Cat	2	3	4	01-NOV-23	1
2	Rex	Dog	3	1	4	11-MAR-23	2
3	Whiskers	Cat	5	2	5	02-JAN-22	3
4	Buddy	Bunny	4	4	3	14-OCT-20	4
5	Luna	Dog	1	3	1	06-JUN-23	5
6	Domino	Hamster	1	3	1	23-FEB-22	
7	Patch	Dog	2	5	4	07-APR-23	
8	Pirate	Cat	2	4	4	11-MAY-21	
9	Cloudy	Bunny	3	2	2	11-NOV-23	
10	Smoothie	Bunny	3	2	2	31-OCT-23	

```
SQL> SELECT * FROM ANIMALCARETAKER;

CARETAKERID CARETAKERNAME        FUNDEVENTID CARETAKERADDRESS                CARETAKE
----------- -------------------- ----------- ------------------------------ --------
          1 John Peters                    1 123 Main St                    12345
          2 Mary Johnson                   2 456 Elm St                     67890
          3 David Perks                    3 789 Oak St                     34567
          4 Elaine Brown                   4 101 Pine St                    87654
          5 Michael Wilson                 5 234 Maple St                   43210
          6 Emily Anderson                   123 Oak Lane                   12345
          7 Chris Martinez                   789 Pine St                    43210
          8 Jasmine Walker                   101 Maple St                   34567
          9 Ryan Turner                      201 Cedar Drive                43210
         10 Morgan Foster                    234 Birch Blvd                 67890

10 rows selected.
```

```
SQL> SELECT * FROM ADOPTIONDETAILS;

ADOPTIONID PETID ADOPTERID CARETAKERID ADOPTIOND NOTES
---------- ----- --------- ----------- --------- ------------------------
         1     1         1           2 20-OCT-23 friendly cat
         2     2         2           2 21-OCT-23 playful dog
         3     3         3           3 22-OCT-23 loud cat
         4     4         4           2 23-OCT-23 really soft bunny
         5     5         5           5 24-OCT-23 quiet dog
         6     6         5           2 25-OCT-23 interesting hamster

6 rows selected.
```

Division query in the GUI & the result of the query: